

Amendments to the Specification:

Please replace the paragraph starting at page 3, line 1 with the following amended paragraph:

One embodiment of the invention provides a light pipe with directional side-light extraction comprising a light pipe core and light-extraction means applied to the light-pipe core over only a part of the cross-sectional perimeter of the light-pipe core and over an active section of the length of the light pipe in which directional side lighting is desired. The light-extraction means comprises any of (i) material, other than a light-carrying portion of the light pipe or any fluoropolymer cladding on the light-carrying portion, including light-scattering material, (ii) surfaces treated to have light-scattering properties, and (iii) material with a reflective property a single strip of material over the active section of the light pipe. The single strip has light-scattering material. The light-scattering material comprises inorganic material and is discrete from core material and is discrete from any cladding material on the core.

The light pipe with directional side-light extraction excludes an adhesive layer over the majority of an interface between the strip and the core, and further excludes the specific combination, as stated hereinafter, of a cladless acrylic-core light pipe with a constant-width strip of organic-solvent based paint containing light-scattering particles.

Please replace the paragraph starting at page 3, line 17 with the following amended paragraph:

Figs. 2a-2c are isometric views of light pipes, with Figs. 2a and 2b showing prior art light pipes, while Fig. 3e 2c shows a light pipe according to the present invention.

Please replace the Abstract of the Disclosure with the following Abstract of the Disclosure:

A light pipe with directional side-light extraction comprises a light pipe core and light-extraction structure applied to the light-pipe core over only a part of the cross-sectional perimeter of the light-pipe core and over an active section of the length of the light pipe in which directional side lighting is desired. The light-extraction structure comprises any of (i) material, other than a light-carrying portion of the light pipe or any fluoropolymer cladding on the light-carrying portion, including light-scattering material, (ii) surfaces treated to have light-scattering

properties, and (iii) material with a reflective property. The foregoing light pipe eliminates the need for using a reflector, as with fluorescent lamps, by extracting the light only in the desired direction, towards a target area to be illuminated. Other embodiments of the invention promote uniformity in side light emission from a light pipe. a single strip of material over the active section of the light pipe. The single strip has light-scattering material. The light-scattering material comprises inorganic material and is discrete from core material and is discrete from any cladding material on the core. The light pipe with directional side-light extraction excludes an adhesive layer over the majority of an interface between the strip and the core, and further excludes the specific combination, as stated hereinafter, of a cladless acrylic-core light pipe with a constant-width strip of organic-solvent based paint containing light-scattering particles.